

# Algorithm Development Schedule

## *Software & Data Management Plan*

- Nature of algorithms, input data, output data, schedule, approach to satisfying software development standards, special requirements (e.g., field experiments), software testing plan, validation plan, software maintenance plan
  - Draft 6/92
  - Revision 6/93
  - AM Final 6/94
  - PM Final 6/95

# *Algorithm Development Schedule*

## *Science Computing Facility Plan*

- SCF requirements, including hardware, software, and networking (within team & to EOS community)
  - Draft 6/92
  - AM Final 6/93
  - AM Revision 6/94
  - PM Final 6/95

# Algorithm Development Schedule

## *Data Processing Software*

- Programs, test data, user's guide, operations guide, software version description

	<u>AM-1</u>	<u>PM-1</u>
• $\beta$ version	6/95	
• Version 1	7/96	12/97
• Version 2	7/97	12/98
• Version 3		12/99

# *Algorithm Development Schedule*

## *Calibration Plan*

- Support development of unified calibration plan for MODIS Science Team

## *Software Review*

- Annually

## *MODIS Team Meetings*

## *Status Reports*

- Monthly
- Quarterly
- Semi-annual

# Peer Review

## *Assumptions*

- Important to have semi-formal review *prior* to algorithm development
- MODIS example likely to be adopted by EOS Project
- Annual review of Team Member algorithm development progress required of Team Leader
- Suggestions from peer review panel the most useful, and cheapest to implement, if made *early* in algorithm development process

# *Peer Review*

## *Strawman Proposal*

- Review be conducted in October 1992
- Each Discipline Group (Calibration, Land, Atmospheres, Ocean) be reviewed separately
- Review Panel make-up
  - At least one TM from each discipline group
  - One team member from each Facility or PI instrument on AM & PM spacecraft having common interests
  - 2 interdisciplinary investigators
  - 2 non-EOS remote sensing authorities